

ABSTRACT

1 An electrical connector including an electrical contact
2 and an overmolded housing. The electrical contact
3 includes an electrically conductive substrate of an alloy
4 material and at least one sealing coating on a first
5 section of the substrate. The sealing coating includes
6 chromium and/or zinc. The overmolded electrical
7 connector housing is overmolded onto at least a portion
8 of the first section on the sealing coating. The sealing
9 coating prevents a passage from forming at a joint
10 between the contact and the overmolded housing for
11 preventing flow of vapor through the joint.

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AND/OR LIQUID AND/OR OTHER FLUID

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